

1917

Aug 16 - Sept 29
- Oct 17

Shelburne, N.H.

1917

Aug. 16

cloudy and rainy, a little sun, mild.

This morning I wrote and read. Finished "The Laughing Cavalier" by Barnes Cerisy. Intensely interesting. I don't read two novels a year. I sat some time at The Lodge with Miss Kirk & Miss Bull.

This afternoon we donned rubber boots and went over to Spottiswood Swamp, north of the Yellow Trail in the Keplinton & Hamlin pastures. It skirts the foot of Cabot west of the Red Trail as far as the rocky slope of Ingalls with the old sugar house. It sweeps the base of the slope and joins the woods on the Hamlin side. It is densely covered with alder, and is very boggy, especially in wet weather. We waded across and came out by the old sugar house, and didn't get to supper till 7 o'clock.

We called at the Johnsons after tea and I had a good talk with Frances.

Shelburne, N.H.

1917
Aug. 17

Friday

Cloudy, rainy at intervals or misty through the day, hard rain in the evening, cool, some thunder.
Max. 65° F., only exceeded June 17, 62°: June 29, 58°.

This morning was spent in work on my plants, letter writing, reading, &c.

This afternoon, we walked in the mist down the road to the State line, a distance of two miles, making a four mile walk - A granite post stands by the road, marked N on one side, and M on the other.

Tim Kirk & Tim Bull came in this evening and sat by the fire with us - I have enjoyed their visit to the Lodge very much indeed. Tim Kirk goes to-morrow.

Juncus bufonius L.

Roadside about 1/2 m. below Wheelis - With Eyp. muralis.

Gypsophila muralis L.

Roadside about 1/2 mile below Wheelis - Taken to show the persistence of the plant while I collected at same place Sept. 17, 1915 -

Cephalanthus occidentalis L.

The Button Bush behind the barn in its little enclosure is flourishing and now in full flower. It has produced more shoots within the past two or three years, and there are a good many heads. Of late years there has been no fruit.

Shelburne, N.H.

1917
Aug. 18

Clear, with cloud, cool -

It has been a glorious day, clear and cool.

This morn., Mrs. Brown & I drove to Lead Mine Bridge and as far as the r.r. track. We walked down on the track to the station and home over the bridge. It was a new walk and the views were very fine of the mountains north of the river. I collected several plants, two new to Shelburne, Panicum capillare, & Helianthus annuus. I examined the vegetation carefully and did not expect to find a weed native grass. The flora of the railroad is what one would expect here. Home to dinner -

This afternoon I walked on my plants and later we had callers, Miss Shepard, Miss Water, Miss Bull, Mrs. Endale, Miss Stone.

Miss Kirk left by the P.M. train for Portland and we waved from in front of the piazza.

Evening at home. Constellations fine.

I collected the following in the gravelly soil by the r.r. track.

Panicum capillare L. Single plant ^{See A. S. Hitchcock} Aug. 25, 1917.

" implicatum Scribn. ^{See A. S. Hitchcock} Aug. 25/17.

Clematis virginiana L. 6 or 7 fl.

Lyedera vitacea (Kner) Greene

Solidago Randii (Pursh) Britton

Aster radula Nutt.

" novi-bedgii L.

Helianthus annuus L.

= P. subvillosum Ashe
for C. A. Westbury, 1922.

Shelburne, N.H.

1917
Aug. 19

Clear early A.M., clouds later, heavy rain in P.M. Then clearing, rain evening -

I have been at home to-day reading and writing - Changed plant orders - Miss Bull has been in to-day.

Mr. & Mrs. E. H. Abbott called this P.M. A number of the children came up to-day. I had a good long talk this evening with Mrs. Abbott. I saw Liria & her husband who came to-day on their vacation -

The young ~~Basket~~ *Oreus* must be very near leaving their home - The old bird, still only one is busy all day, flying to & from feeding them - It is always a small insect ~~that~~ is carried in. The chattering of the young is plainly heard whenever the old bird arrives - Frequently on leaving the parent takes off the excitement of some bird - *Oreus*

This evening I had a long talk at the main house with Mrs. Abbott. She is very sympathetic -

Shelburne, N. H.

1917
Aug. 20

Cloudy, showery with plenty of thunder.

This morning I called on Bunnie and saw his collection of caterpillars. There are interesting. Among them was one of the *Attacus Cecropia*, a wonderful production.

Later I went over to the upper garden (vegetable) and staked a Crucifer that I hope will fruit. It was in good flower on the 15th inst, but it doesn't seem inclined to set fruit.

I have read some to-day and had callers, Mrs. Stone & youngest, Clara Emerson and I was much pleased to see coming up the path A.S. Pease, with him his sister Mrs. Otis, wife of Dr. Otis, who tended Aunt Anna - It was all too hurried. Mrs. A.S. Pease, Henrietta and Mrs. Otis's boy remained by the car. They were returning from Bethel.

Evening at home. I had a nice letter from Mr. Winthrop Wetherbee & Elsie this evening.

After writing up this day, the thunder & lightning incessantly began to peal & flash for a long time. I never heard such continuous rolling flashing. At times the rain came down in sheets. This lasted about two hours.

Mrs. Harris Carrie & Gauthier's came this P.M. for a month. I was very glad to see them.

Shelburne, N.H.

1917

Aug. 21

Cloudy most all day, a little sun at intervals. A little rain.

This morning I staid at home reading going over my plants, &c. Mrs. Miss Gauthier called and we had a pleasant talk on the piazza.

This afternoon Miss Brown went over to the Scudder pasture and picked $3\frac{1}{2}$ lbs of blueberries. I did a little reading and then called on Dr. & Mrs. Goodale. I found some ladies there and we sat together and I had to tell my talking canary story & Snake story.

Shelburne, N.H.

1917

Aug 22

Sun and cloud, mild - Heavy low clouds
hung above most all day -

The strip of hay ~~that~~ has been lying Haying
over!!
on the interval, s.e. corner, one good load,
cut on the morning of Sept. 13 was taken in
to-day for bedding. This practically ends the
haying. A bit of grass in lower interval by the
liver clus, some last season will be cut later.

This morning I walked to Bowls & Pitches
with Mrs. Miss Gauthier & John Stone 5 1/2 yrs.
It was very pleasant. No birds - Mrs. Gauthier
filled my box with plants - We found some
large patches of *Chiofenes* loaded with white
berries on which we feasted. I never ate
a number of them before. They are delicious.

This afternoon I staid at home. Calls from
Mrs. Ementon, Mrs. & Miss Gauthier. Miss 13 pt. jars
blueberries
Broom picked 4 qts. blueberries & 3 1/2 qts. on the 21st
after 4 P.M. & put them all up to-day, 13 pt. jars.

Robt Greenough & wife came to-day for a day
or two. This evening in the old sitting room
I had a long talk with him about his work
in the Naval Hospital in Chelsea, and about
aeroplanes in France & tanks. Wonderful -
Rudicula palustris (L.) Moench. Water ground, Philbrook barn yard.
Solidago latifolia L. destroyed, from 5 p.m. -

Rich black soil, crowded among rocks on Yellow Trail near Bowls
& Pitches.
Cirsium lanceolatum (L.) Hill

Several large plants near Bowls & Pitches. Took 1 plant & piece of tall one
Eriogonum

Shelburne, N.H.

1917
Aug 23

Rain, rain most of the day, clearing with low clouds when not raining.

I have been at home most of the day busy about various things. I am expecting Prof. Hitchcock any time and I got all my grasses together for his inspection. A few of them are fuzzy.

This morning I went over to Prof. Sargent's and brought back ^{some} young plants of Oenothera lamarckiana.

I have been studying to-day the last A. M. C. Guide Book following the trails that cover the White Mountain area. On July 19-22, 1880, Mayie & I with a party ascended Mt. Adams and camped in Lowe's camp. I have ~~this~~ diary. We reached Novell's Peak, when a storm prevented us from reaching the summit. Lower path is still used. The trails are now innumerable. We were in Shelburne from July 10-31.

Ascent

the

Adams

Time 19-22
1880.

Miss Brown has put up already 48 pint jars of native strawberries, raspberries & blue-berries, ^{fruits} having picked them all herself. She preserved has also put up 7 pint jars of string beans which she raised herself.

Shelburne, N.H.

1917
Aug 24

Rain all last night and much of to-day. Clouds lying very low all day -

Prof. B.S. Hitchcock came by the morning train. I have been expecting him momentarily - I was so glad to see him. We walked up to the cottage and spent the morning talking & putting some of his grasses collected recently in press. He has 30 sheets of Zizania palustris. He has been collecting in the Adirondacks & at Lake Placid, N.Y.

After dinner we called on Prof. Goodall and had a very nice talk. Later we strolled down to the river where we found Agrostis alba. The river was too high to cross over to the island -

After supper we went in to the office and had a talk with Sus in regard to Hitchcock's proposed trip on the big range for alpine grasses. It is a question whether to take a man up in case of fog.

Prof. Hitchcock is full of information about Washington and his travels from Hawaii to the far west, the Hawaiian Isles &c. - It has been a pleasant day -

Thus, this Gauthier rolled broader than the of the pierra.
Leersia oryzoides (L.) Sw.

Border of Creek by road near it, opp. Farm House. A no. of plants, Agrostis alba L.

River bank opp. Farm House. Like A.S. Hitchcock
Several plants.

Shelburne, N.H.

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Aug 25

(1)

Heavy rain in night, clearing in A.M. Clouds low, lifting, clear in P.M. & evening - $\frac{1}{2}$ moon brilliant.

^{about 7:30}
This morning, ^{about 7:30} the young Wrens were chirping incessantly in the basket and the old bird kept away from the basket calling at intervals. We watched the basket with much interest, all three of us. Soon two little heads appeared at the hole, chirping always. The heads were gradually stretched farther & farther out, retreating at times some, till finally one of youngest, bolder than the others, pushed out and quickly was on the top of the nest or basket under the overhanging roof of the piazza. He looked around him and saw for the first time the outer world. What did he think of it? Soon he boldly sprang from the basket and flew in a straight line to the birch just north and 30 ft. away - A few minutes after the 2^d one followed in the same manner, alighting on the same tree and disappearing, as did the former, among the leaves. A few minutes later no. 3 appeared in the same way and flew off alighting in the same tree. At this point Hitchcock & I went to breakfast after waiting till 8:15. Miss Brown returned from breakfast and took watch after we left.

Wrens
leave the
basket

There was still chirping in the nest. No. 4 appeared at the hole and went back. Soon the parent bird came twice and fed those still in the nest.

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0917

Aug 25

(2)

She then went off and kept calling from the bushes. She was answered by no 4 appearing at the hole. It did not go on to the top of the basket but flew round the basket and alighted in the flower box on the piazza railing - It rested there about two minutes before starting again and flying to the same bird nearby. About 9 o'clock no. 5 made its appearance at the nest hole and got on to the top of the basket where it remained several minutes before trying its wings. Then it flew and alighted in the flower bed ~~into~~ the base of the aforesaid birch. It quickly disappeared under the tree where the others were. This was about 9 A.M. The entire time of the emptying of the nest was about $1\frac{1}{2}$ hrs. Silence prevailed in the empty nest and the neighborhood the rest of the day and probably no more will be seen of the birds - The nest hole faced away from the birch and yet every bird flew to the birch or in same direction and finally reached it. The old bird called from there and it was the nearest retreat.

Whether any young bird had left the nest before 7.30 is uncertain, but I think not.

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(3)

This morning Prof. Hitchcock & I went up to the cliffs at the foot of Crag. This took us to Trip's point where we leave the road. On the way Cong cliffs in we saw abundance of Agronia perennans and I could observe the difference in perennans, alba, vulgaris & hyemalis. The cliffs were as attractive as ever. The object of our visit was Cryptopsis racemosa. It was in perfect shape and Hitchcock laid out 30 sheets of it. I took several as they were in ripe state than on my former visit. I also took several plants on the trip. It was a great pleasure to be with Hitchcock and hear him talk. He is much interested in all the vegetation, but of course, we noted and discussed every grass. C. racemosa grows in dense clumps, chiefly at the further end of the base of the cliffs as we approach them. We got home to dinner — In the P.M. we worked over plants and talked.

In the evening, Mrs. & Miss Gauthier, Miss Shepherd & Miss Waters came up and saw the moon through the telescope. All were much pleased. Hitchcock made arrangements for his trip to the Peaks tomorrow — He drives to Crystal Cascade, and from there go through Tuckerman's Ravine and over to the A.M.C. Hut for the night, collecting grasses, especially at the head of the Ravine. The next day he will probably go round the cone acc. to Reaser's letter. It looks like a good day tomorrow —

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(4)

I collected to-day:

Lycopodium obscurum L.

Gates woods foot of Crag

Ranunculus claudens L.

By woodroad in woods opp. red house (was remodelled & unpainted) Hamlin Farm. Specimens to show. Specimen to show autumnal state with panicles in sheath. Vide Gm. Man. p. 116.

Oryzopsis racemosa (Sm.) Ricker

In abundance in dense clumps at foot of Crag. In fine condition. Hitchcock took 30 spms.

Agoris alba L. See A.S. Hitchcock

Wood form. woods, light shade, Gates pasture.

Cipostis perennans (Walt.) Tuckerm.

Damp woods, light shade, between Crag & main road. Abundant. A superb clump in very wet ground, Gates pasture. Vide A.S. Hitchcock

Glyceria nervata (Willd.) ^{See Hitchcock, Sept. 16/18 "not worth varietal rank"} var. parviflora Scribn. & Flann.A curious wood form apparently nervata.

Hitchcock will study it. Gates woods s. of Crag.

Caulophyllum thalictroides (L.) Michx.

Some ripe seeds, blue, base of cliffs, foot of Crag.

Circaea latifolia Hill

Base of Crag cliffs, over ripe, fruit coming almost at touch.

I showed Prof. Hitchcock my grasses collected this season and he verified them. One, a Glyceria is peculiar. We went over these grasses this P.M.

Shelburne, N.H.

1917
Aug. 26

Clear as crystal, some cloud in A.M., wonderfully brilliant in P.M. & evening, moon dazzling, air cold; maximum 69°F .

This morning after a 6.30 breakfast Miss Brown & I accompanied Prof. Hitchcock in the car with Lawrence to the entrance to Crystal Cascade (19 miles) where Hitchcock started in on his mountain trip for alpine plants. We thought that was better than starting up the carriage road. The air was clear as crystal and the white clouds hung over the top of the mountain just at the head of Tuckerman's Ravine. I left Hitchcock starting off with long easy strides for the Ravine & A. M. C. Hut. Reached home about 9.30.

Then the rest of the morning was spent in attending to Hitchcock's & my plants.

In the P.M. Miss Macmillan called and I walked with her to the Emeralds where were the Kautzels. Mr. Kautzel took his wife, Clara, & me on a run to Gilead & back over the bridge at Gilead. We turned at Gilead & returned same way.

Wonderful sunset cloud effects. Moon just over half.

This evening I called on Francis Goddard & his wife & saw all four. They are very attractive people - Francis & his wife join a party for Caribou to-morrow. How I wish I could go there and see the Paronychia.

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1917
Aug. 27
(1)

- Sunday -

Clear as crystal, a light haze over the sun in the late P.M. and over the moon in the evening -

Very cool in early A.M., warm during the day -

This morning, we went into Spottiswood Swamp where I wanted to see a Thistle that I had passed some days ago. It was straight Canceolatum as I suspected. Got back 12:15 and then flashed to Mt. Caribou to the party that went up this morning - Flashed for some 30 minutes with a mirror from 12:15 to 12:45 - The party reported that it was very visible - Distance in air line 8 miles.

This afternoon we dried blotters and changed Hatcher's & my plants. They are drying fast. Later Mrs. Saynes & Mrs. Coppeshaal called and we had a very pleasant time. They go Friday. Prof. Emerton called also -

This evening Miss Gauthier came round with some plants from the top of Caribou. Among some very common ones was Paronychia Miss Swartzman who is with Miss Williams called. I hoped to find her the morning, but it is hazy and she must come to-morrow. Miss Gauthier called ~~also~~ on the bald ^{rocky} summit; I put into press ~~some~~ ~~checked~~ - the set; 2828 ft.

Paronychia aspyrocoma (Michx.) Nutt., var. albimentana Fernald

Arenaria groenlandica (Retz.) Spreng.

Potentilla tridentata Ait.

Vaccinium vitis-idaea L., var. minus Lodd.

Solidago Randii (Porter) Britton,

var. monticola (Pater) Fernald.

She saw Cornus canadensis, Vaccinium pennsylvanicum & canadense on the summit.

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~ Adult Bald Eagle ~

At halfpast four this afternoon I happened to step out on to the piazza and I saw indistinctly an object swoop up from the river just to the right of The Knubble, and then I saw a white spot against a tree on the further side of the river. I should not have seen or noticed the white spot, but for the motion preceding it, as the distance is about one third of a mile. I immediately turned the 3-inch telescope on to the object and to my astonishment there stood a magnificent adult Bald Eagle fully exposed on a dead branch some 30 feet above the water. His head, neck and tail were snowy white the rest of his parts a rich fuscous. He was, of course, perfectly at ease, no crows were about to molest him, and I watched him for fully half an hour, as he stood there. At first he was facing to the right, and after a while he spread his long wings and turned to the left, always commanding a view of the river. The air was very clear and I could see with perfect distinctness the individual feathers. His attitude was very fine, especially when his head was in profile and his long powerful curved bill looked menacing. Occasionally he preened the feathers at the bend of the wing, but he spent the time mainly

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(3)

in looking about. It seemed at times as if he was gazing straight at me and resenting my intrusion.

Once he bent far forward, as if about to swoop, but he raised high his tail and sent out a thick stream of pure white offal.

At last he did swoop off and he looked enormous as he quickly passed out of the field of view. Then with my naked eye I followed him for about a third of a mile as he swept up stream some 25 or 30 feet above the water. The white areas at each end of the body were plainly visible throughout his flight.

I have seen the Bald Eagle a number of times in Shelburne, but only once have I noted an adult. The bird is common about Lake Umbagog, but Mr. Brewster tells me that during all his experience there he could get no evidence of the bird breeding about the Lake. It doubtless ^{breeds in} the high ^{tree} cliffs back from the Lake.

My 3-inch telescope never served a better purpose than in bringing into such splendid view this noble bird.

Three ladies saw the fight with me. I kept my eye at the telescope practically incessantly during this half hour. I wanted to see the final swoop, and I did.

Shelburne, N.H.

1917
Aug. 28

Clear in Am., cloudy P.M. & evening, air cool at times, and quite warm at others.

I worked over our plants many this morning - I want to get Hitchcock's dry before he returns, which should be tomorrow. Mrs. & Miss Gauthier came up about 11.30 and did relief work with Miss Brown on the piazza. I sat with them part of the time.

In the afternoon I drove with Gus, Mr. & Mrs. Abbott & Lawrence to Orleans - did errands and had my hair cut.

Later Miss Lowell called and I sat with Bald her on the piazza some time. He saw a Eagle Bald Eagle soar over the valley. He was a good adult, but the white parts were not as clear as in my bird of yesterday.

A Fish Hawk flew over the river and circled round and once plunged down into or on to the water.

In the evening I sat in the parlor at the farm a while. Talking. Clara Emerton played for us informally on Polly Stone's violin.

On returning to the cottage I found Mrs. Elery Clark here with Miss Brown. She came in the P.M. train & is here for a rest. Elery is well, but has no work. She told us about the Wettersbees - Alice has shown much character through all the troubles -

Shelburne, N.H.

1917
Aug. 29
(1)

Heavy low-hanging clouds all day with more or less rain - mild.

This morning we made arrangements with Miss Lowell and for a few days she is to be with us except in at night when she has her room at the Johnsons.

After breakfast we came up to the cottage and I worked over Hitchcock's plants, took all out of press and so them up.

At ^{12.25 PM.} ~~12.41~~ I stepped out to the piazza and saw the same Bald Eagle swooping up to his perch as before, on the 27th Aug., All hurried out and we had the same experience with the telescope. The even went down to the Goodales and Mrs. Goodale, Francis, his wife & little girl came up, and all saw the noble bird as long as they pleased. He remained there till I went to dinner at 1.30 and on my return about 2 P.M. he still was there, but in a few seconds swooped off behind the Knubble. All observed his various movements with the deepest interest. He twice raised one foot and stood on one leg, his bright yellow claws standing out very prominently in the clearest Egyptian fashion.

Later we three with Frances Johnson & Mrs. Clark walked to the Station and back and on my return at 4 P.M. there was the Eagle as before. As we approached the bridge on our return we saw the Eagle soaring over the interval east of us -

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(2)

He was in the same tree later in the P.M.

It is evidently his perch -

Later in the P.M. Prof Hitchcock suddenly appeared. The auto had come over to the Glen to meet him by telephone, and I hadn't known of it. He is well & bright and has accomplished everything he went for and has covered far more ground than I ever imagined he would. He had a complete change into dry clothing and we worked the rest of the afternoon & evening putting his presses into press, that is some of them. Tomorrow will be a busy day -

Miss Lowell has been with us to-day and we have enjoyed it very much.

A. S. Hitchcock's Botanizing trip
over the big range of the White Mts.

I bade Prof. Hitchcock good bye at the entrance to Crystal Cascade on Sunday August 26 about 8.30 A.M. He followed the trail up to the Raymond path past the A.M.C. Camp & Hermit Lake up the wall of Tucker's Ravine to the plateau above. Thence he ascended the cone to the Summit of Washington to get the view. Then he descended to the A.M.C. Hut by the Laker of the Clouds. Having some time before supper there, he went down into Cedar Gulf some 1,000 ft. to look for presses. He spent the night in the Hut with some

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A.S. Hitchcock's collecting trip -

Aug. 29

two dozen people,

(3)

Monday morning he took the West side & Gaff side trails to Madison Hut, ascending Mt. Adams to a summit on the way.

Tuesday he took the Buttress trail down into the Great Gulf, and connected with Six Herbarists Trail which ascends Mt. Washington and crosses the Carriage Road at the 6 mile Post. Thence he continued on his trail to the Alpine Garden and on to the C. M. C. Hut for the night.

Wednesday he went through the Alpine Garden again and descended Huntington Ravine in a steady rain, crossed the dangerous slide and kept on to the Raymond Path and on that to the carriage road and thence to the Glen House in the P. R. He telephoned here & an auto went for him and he was safely landed at our cottage in the Lake P. R.

The weather was good till Wednesday when there was much rain. He had a Knapsack and a sled press with thin white sheets merely. He collected grasses only, put them with the sheets and they stood there till his return and kept perfectly fresh and were perfectly pressed. We put everything into presses properly and he had some 450 sheets. They were mostly in sets of 30 sheets. Hitchcock was not at all fatigued after this strenuous work.

1917

Some localities for Alpine Grasses

- Aug 29 → *Agropyrum cernuum*, ^{(L.) Beauv.} v. *Hornemannii* (Roth) Pease & Moore. ✓
- (4) Head of Oakes Gulf, Tuckermans Ravine; upper pts. of Huntington's R. ✓
- *Agrostis borealis* Hartw. ^{(L.) Beauv.} omnipresent above tree-line ✓
- *Calamagrostis canadensis* ^{(Michx.) Beauv.} Widely distributed, moist places, above or just below tree-line ✓
- *C. hyperborea* Lange. Crawford notch along RR. below gateway. ✓?
- *C. Lempsdorfii* ^{(Link.) Trin.} Above 5-mill sign on Mt. Washington Carriage Road. ✓
- Too near the east at times
- C. neglecta* (Link.) ^{Gaertn., Meyer & Schreb.} but. Crawford ✓
- C. Pickeringii* ^{Goss.} (incl. var. *laeviflora*) ^{(Kearney) Hitchc.} near Lookout Cloud, Head of Oakes Gulf? ✓
- *Deschampsia atropurpurea* ^{(Vahl) Schult.} Head of Oakes Gulf; Tuckermans Ravine; ✓
- Huntington's Ravine, Head of Great Gulf, Kemp's Ravine.
- *D. flexuosa* (L.) Trin. Frequent above tree-line. ✓
- Festuca rubra* L. v. *prolifera* Ripen, Head of Great Gulf, ✓
- *Hierochloa alpina* ^{(Sw.) R. & S.} Head of Oakes Gulf; Huntington's Ravine. ✓
- *H. odorata* (L.) ^{Chalet.} near Storm Lake. ✓
- *Phleum alpinum* L. Head of Oakes Gulf; Tuckermans Ravine; ✓
- Huntington's Ravine; Head of Great Gulf.
- *Poa glauca* Vahl. Huntington's Ravine; Crawford notch. ✓
- *P. laxa* Hackel. omnipresent above tree-line. ✓
- *P. nemoralis* L. Head of Oakes Gulf. ✓
- "*P. pratensis* L." " " " " ; Huntington's Ravine, ✓
- Trisetum spicatum* (L.) Richt., var. *pilosiphum* Fernand
- Alpine Garden; Head of Great Gulf ✓

Copy of list recd fr. C. S. Pease on
Aug. 27, 1917 at Shelburne for the benefit
of Prof. C. S. Hitchcock -

Prof. Hitchcock on his trip (Aug. 26-29) collected
those sps. checked, besides *Cinna latifolia* &
Uelicia striata, ^{cf. few others} about ~~450~~ sheets in all. 447 sheets
447

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(5)

Dear Mr Deane

I should advise that Professor Hitchcock start
from the Glen House and go by Mt. Washington Car-
riage Road (to 2 mile point), through Raymond Path, up
Tuckerman's Ravine, and from its top cross over to the
Lake of the Clouds Hut (food & lodging furnished)

1 day

The head of Oakes Gulf is but 5 minutes distant from there
By the Westside Trail he can skirt the cone of Washington
to the Head of the Great Gulf and thence, by trail, carriage
road, & Six Husbands' Trail swing round the cone of
Washington to the Alpine Garden - Great care
should be used if he descend from here into Hun-
tington's Ravine (dangerous to descend save for those
who know the way and are good climbers).
Back by 6 Husbands' Trail to head of Tuckerman's
Ravine and Lake of Clouds Hut.

2nd day

Down by Crawford Path to Crawford House
and Hotel. He should have the A.M.C.
guide book or the maps in it, and get his
bearings well, in case of cloud.

3rd day

I am very sorry that I have to write this in
great haste.

A. S. P.

Copy of letter received with above list -

Cambridge Mass

Grasses collected by A. E. Hitchcock
 1921 on his trip over the White Mts. & H.
 Feb 18. Aug. 26-29, 1917. The same material
 from Washington D.C. Nov. 8, 1920.
 The nomenclature is his.

- | | | |
|---|--|------------------------|
| 1 | <i>Cynopogon violaceus</i> (Hornem.) Lange | inland, it |
| 2 | <i>Circa atropurpurea</i> Vahl | " |
| 3 | " <i>flexuosa</i> L. | " |
| 4 | <i>Calamagrostis canadensis</i> (L.) Hornem. | near
Mt. Washington |
| 5 | <i>Melica purpurascens</i> (Lam.) Hitchc. | near Washington |
| 6 | <i>Poa flauca</i> Vahl | " |
| 7 | " <i>cafa</i> Hornem. | " |
| 8 | <i>Loxia alpina</i> (Sw.) Hitchc. | near Mt. Clay |

- Synonyms of above -

- | | |
|---|--|
| 1 | <i>Cynopogon caninus</i> (L.) Beauv. |
| | var. <i>Hornemannii</i> (Roch) Rease & Moore |
| 2 | <i>Deschampsia atropurpurea</i> (Vahl) Scribn. |
| 3 | " <i>flexuosa</i> (L.) Trin. |
| 4 | same as above |
| 5 | |
| 6 | same as above |
| 7 | " |
| 8 | <i>Hierochloa alpina</i> (Sw.) R. & S. |

Shelburne, N.H.

1917

Aug. 30 Rainy day clearing in evening -

Prof. Hitchcock & I have spent this A.M. & P.M. putting his plants into press. There are some 450 sheets in all. This morning after breakfast Min. Brown & I auto'd to Gorham to Dr. Bryant's. He looked at my little finger of left hand which has been swelled and very sore at the top for about $1\frac{1}{2}$ weeks. I am to poultice it to bring matter to a head.

It is very annoying & most unusual.

I have called into service most all of my pressing material & presses for the presses and I shall dry them and send them down to Washington later -

It has been a great pleasure to have Prof. Hitchcock with me & to help in any way.

Lizania aquatica L.

Plattsburg, N.Y.

Shallow water of Lake Champlain near
the Ry. Round House - Aug. 22, 1917
Coll. C. S. Hitchcock -

Prof. Hitchcock gave me a specimen to-day.

Shelburne, N.H.

1917
Aug. 31
(11)

- Friday -

Clear, calm, balmy, perfect. Max. 76°.

This morning Prof. Hitchcock packed his trunk and Miss Brown attended to my finger which had to be soaked & poulticed.

Then Hitchcock & I took a last walk, round Wheeler's Pond, nearly to Evans' home & back through the woods to Evans' home by the road - I studied Agrostis alba, vulgaris, hyemalis & perennans as all were by the road. In one place alba, vulgaris & perennans were close together. I showed Hitchcock Panicum clandestinum for the first time. I was pleased when we found Muhlenbergia racemosa (Michx.) 388. In Evans' potato patch we took a piece of straw Japanese Millet for seeds. ^{and put the whole lot of grasses into paper bags} Returning home, we worked hard. The millet was divided into thirty specimens, they were put into driers and packed in the trunk as they will keep till they are laid out properly in Washington. I shall attend to all the alpine grasses and send them to Washington. One of each set will be sent to me later.

After dinner the last things were done. Prof. Hitchcock and at 3.45 I drove over to the station ^{with my good friend for the P. & M.} with my good friend for the P. & M. He will go to Washington tomorrow afternoon. I have enjoyed his visit very, very much. I learned much from him and he is so kindly and good natured that it is a pleasure & profit to be with him.

Stelburne, Vt.

1917

Aug 31

(2)

I collected today:

Panicum tennesseense Ashe.

Sandy roadside near Wheeler Pond,

Muhlenbergia racemosa (Michx.) B.S.P.Sandy roadside near Wheeler Pond
on the road leading north.Agrostis alba L.Wood form, light shade road to Cross heart
from Wheeler Pond.Aprocyron repens L.Dry Roadside near school house east
of the Farm. Form with 5 suble
spikelets.Humulus Lupulus L.Fruit from fence opp. R. R. Sta. same locality
as June 16 -Amaranthus gracilis L.Prostrate between the rails of the siding
in front of the R. R. Station. Bracts pungent
pointed, seeds 0.8 mm. broad. Yet prostrate.

(The above grasses are fide A. S. Hitchcock Aug. 31, 1917)

This afternoon I found 3 bats behind Bats
one of the blinds of the sitting room
on the south side -

fide A. S. Hitchcock

Aug 31 1917

Shelburne, N.H.

1917
Sept. 1

~ Saturday ~

Heavy clouds all day, some rain, damp-cool.

This morning I drove to Gorham with Miss Zoom, Miss Sauthier & Clara Ewertson. Called at Dr. Bryant's. He examined my finger. The sore broke before I started, but I thought he had better see it. The turn has come for the better. It has been extremely sore & painful -

On our return we asked Mrs. Miss Sauthier to come up at 12 M., it being Miss Sauthier's birthday. She is 36 yrs. old. We had flowers and cards & photos &c for her and a small drink - It was all very pleasant -

Miss Crisfield arrived this noon in her car with her friend, Fred Buhler, a young Frenchman, 24 yrs old. Mrs. Crisfield will stay with us till Monday when she must return home. This afternoon I have read, written, and seen Mrs. Howell & Miss Crisfield here -

Evening at home -

Mrs. Buhler is in Portland, being treated for curvature of the spine. The French government allowed it. He has taken up papers for naturalization, and will become a citizen. He is going to Harvard next year to get his degree in 3 yrs.

Shelburne, N.H.

1917
Sept. 2

Light clouds and sunshine in A.M. ditto in P.M.
Smart rain storm between 5 & 6 P.M. Evening
clear & cloudy - Moon brilliant -

This morning we worked over Hitchcock's
plants - They are drying nicely. I also wrote
letters. Miss Lorisfield went up to the pines
and rested there -

Two old Wrens were chirping about the Wrens
cottage this morning about the old haunts
of the basket Wrens. Were they the old pair?

This afternoon Miss Lorisfield, Miss Brown
& I walked over through the woods to the
Hamlin back pasture and visited the
old cabin by which grows some Catnip.
We went some to Miss Lorisfield recently &
we took more this time. The woods
were very beautiful. Sun-burg carpeted
spots running over dead logs, and young
pines, spruces, hemlocks covered mossy
areas. We returned home and Miss L.
& I went over to the Emersons and sat
there a while. A very smart shower
came on while we were there. The
Lilium auratum is half open in some
of the flowers.

After supper I sat on the Farm piazza
some time with Mrs. & Miss Gauthier.

Rilea pumila (L.) Gray -

Damp shade, rich soil, wood road, Hamlin woods.
Abundant by roadside in one place -

Shelburne, N.H.

1917
Sept. 3

Clear, with clouds, cool -

This morning Miss Broom & I worked over the Hitchcock grasses. I was much pleased to find that the whole set excepting a few sheets were entirely dry. They are now arranged in consecutive numbers and all those of one number are in a separate cover. I imagined that there would be much more work.

I must later do them up in bundles of not more than 4 lbs. each & pack them on. I enjoy the work very much -

Later in the morning we went over to the Hamlin woodroad where I got yesterday Pilea pumila. There plenty of it in two Pilea pumila places some ~~one~~ hundred feet apart. Many young plants are coming up. It evidently seeds freely. I took a number of specimens as it is a new plant for Shelburne.

This afternoon Miss Broom went blueberrying. ^{she returned with seven quarts by measure} 7 qts. of blueberries. I ~~staid~~ ^{stayed} at home, wrote a long letter to Glover Allen, did some accounts and did some botanical work.

I had a very nice call from Dr. & Mrs. Goodale. Miss Dublin called to show Miss Broom the prospectus of the institution in Boston where she is studying.

I had a nice letter from Alice to-day. She is facing bravely her sorrow. She will be 15 yrs. old on Dec. 16. Gus visits Miss Broom & me & Dixville Notch to-morrow.

Pilea pumila (L.) Gray

Same locality as yesterday - See note above

Shelburne N.H.

1917

Plants collected at Dixville Notch - N.H.
 Sept. 4. The notch is less than 2 m. long, the highest point on
 (4) the highway being 1990 ft. Dixville -
 Stowe.

Agrostis alba L. var. vulgaris (Witch.) Thunb.

near the highest point on the road, dry soil.

Agrostis hyemalis (Lam.) B.S.P. silt -

Cinna latifolia (Lam.) Griseb.

rich soil at west entrance to notch.

Juncus trifidus L.

In close patches, summit of road, gravelly soil.

Juncus filiformis L.

By the road near summit of pass.

Carex Crawfordii Fernald, var. virens Fernald

By the road near summit of pass.

Carex debilis Michx. var. Rudolphi Bailey.

By the road, near summit of pass. Gravelly soil.

Sprengelium amplexifolium (L.) DC.

Shaded bank, rich soil, just w. & close to the notch.

Drosera rotundifolia L.

Shaded, mossy bank near the summit of pass.
~~Ribes gracile~~ var. ~~var. - ciliatum~~ (Michx.) Fernald
Impatiens pallida Nutt. Unspotted form.

Shaded bank rich soil roadside by Lake
 Gloriette just west of the Notch. It grows
 abundantly for some 50 feet, new to me.

Glyceria Torreyana (Spreng.) Hitchcock.

At Screw Caper Falls in rich black mud
 in shade. Very abundant in one place
 some 10 ft across, but rather late for
 collecting - Grafton -

Thuja occidentalis L.

Good sized tree, woods foot of Lake Umbagog, Cambridge
 County N.H.

1917
Sept. 4
(1)

Trip to Dixville Notch, Lake Umbagog and Grafton Notch -

Absolutely clear with fleecy clouds, cool. This morning at about 8.45 a party consisting of Mr. Philbrick, Mrs. Elley Clark, Mrs. & Miss Gauthier, Miss Brown, Mr. Edwards at the wheel & myself left for a day's trip. Mr. Philbrick had business in Colebrook. We drove straight to Dixville Notch, via Gorham, Berlin, Milan, Drumner, Cambridge, Enol, Millsfield & Dixville. The smoothness of the roads, the clearness of the air, and the freshness of the air and all nature made the drive an exhilarating one. Goose size and Saddleback stood out boldly against the sky. The firs in the 13-mile wood were like needles against the sky and the cones crowded at the tops sparkled in the sun like Christmas candles. We went off the Clear Stream by the covered bridge and saw neatly dressed boys and girls at the school near by. Drumner round a flag pole as if it was May. I wore in the car my knit jacket and ulster! At Enol we turned west and covered the rest of the 55 miles to the Notch. The mountains closed in as we approached and at last we were grinding up the slope. The grandeur of the scenery is beyond description. The bold rocky sides rise almost perpendicularly on either side of the road. Table Rock one of the high ragged bald peaks rises 700 ft. above Lake Thorette

1917
 Sept 4 which is at the west end of the Notch. We
 (2) stopped at summit of the highway ^{at 11:30} at an
 elevation of 1990 ft. and Mr. Philbrook
 drove on to Colebrook - Our stay at this
 wonderful spot for 3 1/2 hours was one
 of wrapped wonder and awe at the grand
 sights about us, and for me one of deep
 interest in the vegetation round me.
 The northern plants like Ledum, grouse
Caulicum, Chimaphila, Vaccinium, Vitis-Idaea
racemosa etc which occur in the valley
 here rather sparingly carpeted the ground
 in the notch. I was particularly pleased
 to find Juncus trifidus at the summit. Juncus
 of the highway in gravelly soil among trifidus
 the rocks in dense tufts - the elevation
 is 1990 ft. Another plant pleased me
 much for it was to me a new plant, Impatiens
 the beautiful Impatiens pallida. The pallida
 pallid unspotted yellow flowers were like
 jewels along a bank of rich soil under
 the trees by Lake Soriette, an arti-
 ficial pond made by damming the headwaters
 stream which flows from the west side
 of the notch into the Connecticut River.
 The Clear Stream flows from the east side.
 The ladies picked mountain cranberries
 which were extremely abundant and were
 used about as I did - I collected a
 number of plants, and I listed quite
 a number in my Check-list -

1918
Sept. 4
(3)

We lunched under the beeching cliffs of Table Rock and at 3 o'clock Mr. Philbrook appeared and we drove on to Enrol, crossed the Androscoggin, climbed Enrol Hill and descending on the further side Lake Umbagog burst into view. We had a good view of the southern end of the Lake and Mr. Philbrook took us up a slope in a field by the road where we had a splendid outlook over the lake. Metacomb Island lay before us, and with my glass I could plainly see the buildings put up by Mr. Dutton of Houghton & Dutton.

We passed through the notch between Saddleback & Speckled Mt., and the view of view of these two mountains as we approached them is splendid. We

Stopped at Screw Auger Falls and saw the wonderful formation and then sped on, crossing the Androscoggin at Bethel and returning on the south side of the river with the wonderful pink afterglow in the west and Venus here along the way. We reached home by 7.30, tired a bit perhaps, but filled with precious memories of the glorious trip —

Shelburne, N.H.

1917
Sept. 5

Clear, cool, with some cloud - Northern lights in the evening very fine.

I have been busy to-day over the results of yesterday - It takes time put into press plants and note them properly in the journal, and record the events of such a trip as we took.

I called at the Emertons in the afternoon to see the Lilium auratum that is now beginning to flower. There are three big flowers out now, and lots of buds of all ages on the eight or nine plants, so the flowering stage should last a good while.

Lilium
auratum

I think I never had so many letters. Six came to-day. I am more than sorry to hear from Mrs. Churchill that the Judge is having trouble with one eye as well as one ear. It is the bursting of a blood vessel at the back of the retina of the eye and also in the inner ear. He must be very careful in many ways and I hope the trouble will not be long in passing away.

Shelburne, N.H.

1917
Sept 6

Rain this Am.; heavy clouds all day. Brilliant sunset

I have been quietly busy to-day at home. Miss Christensen & friend came up this early P.M., and I went over some grasses with him. About the same time I was surprised to see Fernald & Pease coming up the avenue. I gave them a cordial greeting. They could not stay long as there was a train to catch for Fernald. They had been botanizing in Colebrook & had spent last night in Errol and to-day had been over the Shelburne roads. Fernald is deep in Rubus and discards the hybrid theory. He says there are any number of good species up here. The back of the auto was packed with Rubus. They shook hands with De Godale before leaving.

Late Mrs. Wm. B. Gonzalez, sister of Miss Susan Shppard called & drove with her round Lead mine bridge to show her the favorite haunts of his sister & aunt. She spends the night at the Evans Cottage. She has been with her invalid aunt near Portland & returns there to-morrow -

I worked on my plants this morning.

Shelburne, N.H.

1917
Sept. 7

Friday -

Clear as crystal all day, air very cool & crisp. Rather windy in Am., calming in Pm. Venus seen at 6 Pm. in day-light. Through the telescope it is approaching half O -

Venus

There never was a more magnificent day. This morning I walked with Mrs. W.R. Emmons over the Yellow Trail to Bowls & Pitchers. We came upon Miss Brown, Miss Christensen & friends at the Wigwam. We staid some time at the Bowls and returned somewhat late for dinner. Mrs. Emmons returned to Paris Hill this Pm.

This afternoon I read and wrote and then strolled over to the Pres. Platform and sat awhile alone. The view of the big range was wonderfully clear.

Elara Howe & 2 sisters came this evening for a stay - Mrs. Horace Scudder & party came over for dinner. Among the party was Admiral Stockton. Among the Caussys here from St. Louis is Admiral Caussy.

This morning, before breakfast, with Miss Brown's help, I did up Prof. Hitchcock's alpine grasses & moss in 5 packages each under 4 lbs. and franked them on to him in Washington, with a letter.

Papaver Rhoeas L. Shirley Poppy. Back vegetable garden, single plant

Clump in back vegetable garden, will not fruit. ^{Same place as Aug. 15}
Euphorbia hirsuta (Torr.) Wiegand.

Large prostrate plant in back vegetable garden
Smaller plants there -

Shelburne, N.H.

1917
Sept. 8

Clear, cool, calm, glorious -

This morning I changed the oiers. Mrs. Sheffield called. Later I read on the piazza, the Memorial Service to Mary Morris in Peterborough. Her merit was strongly expressed.

This afternoon Mr. & Mrs. Weatherly & Mrs. W. Senior called. They ^{were} returning from a tour about the Rensselaer Lakes. I was so glad to see them & their stay was very brief as they must reach some point for to-night. They were very bright and were much pleased with everything. I had no time to talk botany. After they left I called on Dr. Sordall & had a pleasant talk with him. He lent me to read "A Student in Arms" by Donald Haukey and I have read some already. It is a fine book.

We found Venus in broad daylight Venus this P.M. It is approaching half \odot . The earlier it can be seen in the P.M. the clearer is its outline -

Yesterday on the Yellow Trail Miss Christensen & Miss Brown saw an antlered buck, doe & fawn!

Roripa sylvestris (L.) Bess.

Station of August 15. upper vegetable garden. It shows no sign of fruiting and it is too late now. There are a good many plants in an area some six feet across.

Shelburne, N. H.

1917
Sept. 9
(1)

Clear and mild, and partly cloudy.

This morning I wrote letters, changed linen, read "A Student in Arms", and saw Dr. Goodale and his grandson who is about to enter the army. Very interesting call.

This afternoon I read the same book and we saw Mrs. Ellery Clark who called and gave us a box of candy. Ellery is well, but has no work. Then we walked over to the Stone house and called on Miss Leonard, sister to Mrs. Stone. Returning called on the Goodales for a few minutes said good bye to the Soldier boy who goes to Ipswich to-morrow.

After tea I had a very pleasant talk with Admiral Taussig on the war.

At Miss Scudder's request I sent a small stone from here, six inches across, to Miss Amelia Schwarz, Ciderwood, South Byfield, Mass. for her Companion Fire Place - Her parents had staid in Shelburne once -

About 12,30 Am. a Humming Bird came to the Nasturtium flowers on the piazza as we sat there. It was within 4 ft at one time and its flight was useless absolutely. As it hovered I saw that it had a bright yellow throat. After sampling several flowers, it flew away & alighted on a smooth stone bordering a flower bed, where it crunched a while and stretched its neck straight up facing us, some ft. off. With my glasses the yellow throat shone. Its tail feathers were tipped with white. The yellow spot on the throat did not extend round the throat.

Humming Bird
with
Yellow Throat

Shelburne, N.H.

1917
Sept. 9
(2)

The Humming Bird appeared again this afternoon. The flight was noiseless, excepting that twice I heard a faint buzzing of the wings. It uttered on both occasions a sound resembling chip-chip-chip that seemed unlike the ordinary notes of the species. It buried its bill in the *Nasturtium* flowers that were running riot on the piazza floor through the railing, and was at my very feet almost. Once it alighted on the surface of one of the leaves very close to me and sat there a few seconds and its bright golden throat was very conspicuous. Soon it whirled away to fresh fields - I do not understand the yellow throat, for I can find no mention of this in Chapman or Hoffmann.

evidently
pollen
on throat

When sucking honey from the flower at my feet the little fellow was so close that I could have reached down and touched him.

Shelburne, N.H.

1917
Sept 10

cloudy, cold. Min. 39° , max. 57° F.

I have been at home to-day busy about various things. I have finished "A Student in Arms" and I think it is one of, if not the best & highest toned book on the war that I have read. The English is very fine. My plants are largely out of press now. Then I have been getting some doubtful species together to take to Randolph Thursday. I have some 25 new sps. for Shelburne and some doubtful ones.

There have been several callers: Mrs. Goodale, Clara & Lois Howe, Miss Christensen & Miss and Miss Mae Innis with Nancy & Eric —

This morning Wednesday was white with frost & sun.

Shelburne N.H.

1917
Sept. 11

Last night, 31° F. day clear & clouds cold.

The frost killed everything in the garden. Miss Brown has gathered the beans & tomatoes and will do the best she can. She thinks she can refuse the tomatoes which are now green. There are about a peck. We have a number of ripe ones already.

This morning, I went up Crows Nest with Mrs. & Mrs. Gauthier, James Anthony, a lad, & Miss Brown. It is as attractive a walk as ever. The view of the big mountains is fine. They are covered with white frost, and Mt. Washington top was clouded.

This afternoon we went over to see Prof. Emerton and his *Lilium auratum*. The rest of the family were off at Dixville Notch. The frost has done its work on tomatoes, squash & the lily. Many buds seem frozen. It is a shame. The open fireplace in the parlor was cozy and the tea table was good.

Evening party at the main house in conversation and party at home. "Faint Plain Words from America" by Johnson.

Rubus

About 1 ft. high, rocky ledge Crows Nest.

Erect. 2 branches, not new cane.

3

Rubus

Rocky ledge Crows Nest.

About 3 ft. long, erect, bending at the summit. Specimen in fruit and also from end of new cane.

Panicum philadelphicum Bernh.

Mead in garden at Little House.

Panicum Urmeyi Scribn.

Autumnal form, rocky ledge, poor soil, Crows Nest path.

Panicum implicatum Scribn.

Autumnal form, dry soil of Little House.

2 Rubus

Rocky ledge of Crows Nest. No new cane. Low.

Shelburne, N.H.

1917

Sept. 12

Clear as crystal, mild. Min. 31°F .

This morning Mr. Robt. W. Wernae (of 8 Prescott St., Cambridge, Mass.) called and I showed him the place and we had a long talk of Mendelism in general as regards transmission of qualities.

Mr. Wernae
came here

Mr. Brown last night picked all the tomatoes green and will ripen them -

This afternoon (dinner was at 12 M.) a large number went over to the Whitney Farm to the auction of Morgan horses of Mr. Stone and and a number from the Morgan Horse Farm of Cornwall, N.Y., C. A. Stillman, proprietor, also some of Stone's Welsh Ponies. The proceeds were about 1400⁰⁰ total. The occasion was very interesting.

I met Mr. Sprague's brother there, also Margaret Allen, 2 daughters of Sarah Bates, Brainerd Barbanks & many friends.

I walked home with Lois Howe.

I took a number of photos -

Evening at home -

Shelburne, N.H.

1917
Sept. 13
(1)

Bright, with a little haze, calm, warm.
This morning I auto'd to the Peases at Randolph reaching there 10.45. Mrs. Anthony ^{Full River} & boy were in the car on the way. Dr. Thos. & Henrietta Pease were all in - I had a very nice time. Pease & I spent till dinner over some plants I took over and for a while after dinner - They are Co's Co. plants. Later Mrs. Pease, senior, came over and I had a very pleasant time with her. Then we all got in the auto and Pease drove us over ~~the~~ Shelburne and left me here. He goes back to Urbana tomorrow - The view of Madison & Adams with the various ridges & ravines from the Pease place is very fine -

Miss Carrie A. Gauthier and Miss A. W. Christensen climbed Shelburne Moraine today leaving the house at 8 driving to the station, and walking from there. They returned after a very hard tramp about 7.30. They brought back some specimens from the summit which I list of the next page. As records I have put what I could into press:

Shelburne, N.H.

1917
Sept 13
(2)

Plants collected on the summit of
Shelburne Moriah, N.H. (alt. 3750 ft.) by
Miss A.W. Christensen & Miss Carrie A. Gauthier.
The specimens were given to me for my herbarium

- Dryopteris novboracensis* Gray -
Adiantum ~~*laetevirens* (L.) Kunth, var.~~ *maxima* (Mill.) B.S.P. Fruit
~~*Platanus*~~ *balsamea* (L.) Mill. var. *phanerolepis* Fernald. "
~~*Smilacina*~~ *tripolia* (L.) Desf. (Fruit H. 5-7 dm. + W. 2-4 dm. 2/17) Part "
Rubus chamaemorus L. Leaves
Potentilla tridentata Nutt. Part fruit
Empetrum atropurpureum Fernald & Briegleb Leaves
Kalmia angustifolia L. "
Ledum groenlandicum Oeder. Fruit
~~*Vaccinium*~~ *Chamaedaphne calyculata* (L.) Moench Leaves
Vaccinium corymbosum L. "
" *Vitis-Idaea* L. var. *minus* Lodd. "
Solidago Randii (Pursh) Britton, var. *multicoma* (Pursh) Fernald
Part fruit

Fragment were brought down & seen by me but not
preserved -
Arenaria groenlandica (Retz.) Spreng. { I have this in herb
from same locality
Cornus canadensis L.

Cornus stolonifera Michx.

Nut. Moriah (Shelburne Moriah) 1/2 way up.
Coll. Miss A.W. Christensen - 9 Sept this. Leaves

Shelburne, N.H.

1917
Sept. 14

Brilliant sunshine, some cloud, mild, a perfect fall day -

I was busy a large part of the morning over the plants from the summer of 1901. I shall press them for record. I also worked over the plants I took to Randolph yesterday -

This afternoon I, with Miss Brown, walked down to the bog a little below Wheeler's Bog for some *Larix* that grew there -

The bog was dry enough to walk out on and I got specimens in fruit - there are a good number of trees around the inner edge of the bog, a small part of water being inside. On the return we went round by the river & came out at Mrs. Wheeler's where we made a call. Mr. Wheeler died last September.

After tea Mrs. & Miss Gauthier came up to say good-bye as they are off very early in the morning. We have enjoyed their stay very much.

I collected to-day:

Larix laricina (DuRoi) Koch Fruit.

Bog a little below Wheeler's Bog on the Wheeler Estate.

Sporobolus Andropogon scoparius Michx.

Gravelly bank of river, Wheeler Estate.

Ceanothus ~~americanus~~ mucronata L. (See Knab's Jour., Nov. 16/92)

Gravelly bank of river, Wheeler Estate.

Hemipanthus mucronata (L.) Tr. & G.

Clump in fruit by the Larches above.

Hydrocotyle canadensis (L.) B. & P.

Bog by the *Larix* & *Hemipanthus* above.

Aster nov. belgii L. Gravelly river bank, Wheeler Estate.

Shelburne, N.H.

1917
Sept 15

Cloudy with a little rain in P.M. mild.

This morning I spent some time over my photographs which came from Shureys. They are pretty good, but I make mistakes in some way ~~that~~ are annoying, like two exposures on one film &c.

This afternoon I began labelling my plants - I must do them before returning. It means so much to me - I have made good progress this P.M. & evening -

Began to
label

Shelburne, N.H.

1917
Sept. 16

-- Sunday --

Clear most of the day, cloudy in Am. Evening
wonderfully clear, cool --

To-day I have written letters and labelled
plants. I hope to finish labelling here.

This afternoon Mrs. Sheffield, Clara Howe &
I motored over to Endicot Farm and called
on Mrs. Rantoul & Mrs. Macmillan both of
whom were at home. We sat on the piazza
with the wonderful view of the mountains
so like the days of some years ago. They
close the house on Wednesday. Mrs. Macmillan
goes to Boston and then to Princeton N.J.
Andrew passed none of the preliminary
exams and is now studying with "The
Widow" for the fall exams.

Heaven shone brilliantly this evening.

Shelburne, N.H.

1917
Sept. 17

Cloudy, clearing, day fine, mild.

This morning writing and labelling plants.
This afternoon I walked with Miss Brown to the Island, first time this season. The pulp on the branches of bush and tree shows high the water rose on June 18 last.

A Fish Hawk alighted in a dead tree on some time off the river and finally flew up stream past us. A Blue Heron flew down stream and a pair of Black Ducks passed up in rapid flight. We got back in time for Miss Williams & Miss Hornand who called to see Venus. Mrs. Sheffield happened in at this time. We found Venus just before sunset at about 5.45 and it showed beautifully through the telescope. Its shape was very plain, nearly half-Venus. After all had seen it sufficiently, a cloud covered it and its shape was even more clearly seen. Before long Venus entered the dark portion of the cloud and was seen no more.

Venus
O

Through the terrestrial telescope the top of Caribou with the upturned structure was seen also.

Trilebergia foliosa (R. & S.) Trin.

Polygonum pennsylvanicum L., var. laciniatum Fernald

Gravelly, stony bar of the river back of the Rubble, covered at high water ~

Shelburne, N.H.

1917
Sept. 18

Clear and cool, glorious -

This morning I worked in my study. About noon I went down to the wet place near the road in Emeric's pasture where I got flowering Veratrum viride on June 27 last and we dug up the rooting clump from which I took a flower-stalk.

This afternoon after a hurried dinner I auto'd with Howard Philbrook who came here yesterday, to Glen Sta. 30 miles distant. The ride was delightful, with the clear air and fine views. At some distance beyond the Glen House, as we turned a curve in the road, we came upon a fine Red Fox with flowing tail standing in the road. He looked at us a second or two and then leisurely jumped into the thick woods that bordered the road.

As we approached Glen Sta. I had a good view of Mt. Pegawket (Kearsarge) with the houses on top. We left Howard at the Sta. and returned home, stopping at Endicot Farm a moment. I saw Mrs. & Ellen Macmillan & Mrs. Rantoul.

After arriving home Prof. Goodale, Mrs. Sheffield, Clara Howe & Miss Doulsen called. I named a number of plants for Miss Doulsen.

Newts looked well in brood daylight.

Evening at the Farm House & at home.

Veratrum viride det. Rooting specimens from the same clump as June 27 - The clump was 1 ft across -

Shelburne, N.H.

1917

Sept. 19

Clear quite warm, but an ideal day -

I have spent much time labelling plants and have made good progress.

It would be a great help to have this done before returning home the end of next week.

Mrs. Crosswell and Miss Brace called this morning and this afternoon Admiral & Mrs. Taussig called and we had very nice talk on the piazza. Admiral Taussig entered upon his studies for the navy at the age of fifteen. He is now retired.

I showed these Venus about 5.15 - The new moon was visible low down among light clouds.

This evening I read in the Harvard Grad. Mag., and the September Atlantic.

I spent some time this A.M. working out and sectioning the swollen base & roots of the *Veratrum* collected yesterday and getting them into press. I also sectioned the terminal bud all ready to sprout forth next spring -

Veratrum
viride

Shulburne, N.H.

1917
Sept. 20

Clearing, a little sun rain the late P.M.,
Thunder storm with very heavy rain this A.M.,
at 2.30. For some time the rain fell in torrents,
gullying the paths -

It is Miss Brown's birthday and she has engaged in quietness - We used to make more of it when we all together -

I wrote letters and labelled plants today till 4.30, when Mrs. Sheffield & I auto'd in Mr. Stone's car to Mill Brook Farm to call. Mr. & Mrs. Charles Rantoul were there. We met Mr. & Mrs. Stone & Miss Leonard. We sat on the piazza and talked, drank tea and looked at the performances of 8 children on horses and ponies, the Brown, the Edwards, and Stone children, eight in all. The latter with canes at rings and they raced, driving with one hand and holding in the other a spoon with a potato in it. Altogether it was a very pleasant occasion. We were taken home just before it began to rain.

Evening at the main house & here -
Urtica balsamea (L.) Mill. var. *planerolepis* Fernald.
Near top of Cabot, coll. by Louis H. Howe

Miss H. St. John
Oct. 2, 1917.

Branch with 2 cones, tip of bracts larger than the scales & very ribbed.
Arisaema triphyllum (L.) Schott.

A very fine enormous fruiting specimen from a wet spot on the edge of the wood new corner of Scudder Pasture, brought me by Miss Brown -

Stelburne, N.H.

1917
Sept. 21

Cloudy with some sun, cool.

This morning I labelled plants -

This afternoon with Dr. Goodale & Gus I auto'd to Gorham where I did a number of errands.

At 5:15 Pm. Miss Christensen came up with some alpine plants she had collected yesterday on the area between the peaks of Madison & Adirondack. They were the regular alpine species always of interest.

Evening at home. At 9:45 and for some half hour after, there was a magnificent display of northern lights. It is difficult to describe the shooting rays that kept reaching far toward the zenith, quivering as they moved -

Northern
lights

Shelburne N.H.

1917
Sept. 22

Clear, cool, fall day —

The trees are beginning to turn, the
poplars & birches yellow —This morning, I worked on my plants and
got my papers in order for home —Mr. & Mrs. R. M. Wernae called this noon
and I enjoyed their call very much indeed.
Mr. Wernae was enchanted with the place,
the piazza, the view and the interior of
the home —This afternoon I called on Dr. & Mrs. &
Joe Goodale and heard much of Robert's
enlistment and the camp at Lyons —

Joe stays till Monday —

The moon & Venus were brilliant
before supper.

Evening at home —

This morning I called at the Muses
and Miss Dulin gave me a specimen of
Anthemis Crotula —I have been under the weather for two or three days
Anthemis Crotula L.Roadside between the village and
Philbrook Farm, collected in August
by Miss Edith Dulin — She gave it to
me to-day as a Shelburne record,

Shelburne, N.H.

1917

Sept. 23

Clear as crystal, cool, calm -

I did not have a very good night, but I have kept busy at home over various things connected with getting ready for departure on the 29th. My plants are nearly out of press and are mostly labelled. I sat in the piazza writing some this morning -

In the afternoon I walked over the Intervale with Miss Brown - I hoped to find Titmice, but failed. A Merganser flew up from the Creek & alighted in the Creek again by the Knubble - I followed it and flushed it again and at the same time saw a small flock of Rusties.

A Fish Hawk soared over the river -

Returning to the Farm I was surprised Lawrence to hear that Lawrence and his bride had this time returned. I saw Lawrence and had a good talk with him, and after supper I met the bride who was very pleasant.

I saw her last summer here.

This evening Miss Williams and Miss Homans came to the cottage and we had a good time with the two telescopes and the moon. They were both very much interested and impressed.

The moon was as brilliant as it could possibly be -

A careful count of the number of sheets for this season here amounts to 433 - 433 sheets of plants

Shelburne, Vt.

1917
Sept. 24

Clear, cool, glorious, calm.

This morning some 22 of the guests in 4 autos went to Dipville Notch -

I am still not over my trouble, though I have felt fairly well. A supply of labels came this morning from Fred Ingalls and I have worked during the day and finished labelling my plants, except some doubtful ones and those that have been given me.

I have sat on the piazza and this afternoon I took a walk up to the Red (unpainted wood) house, through the wood road and back over the intervalle to the main road & back by Hamlin's. The sun was falling and the half moon was growing more and more bright. Finally Venus came out in her glory.

Equisetum arvense L.

A large area in the Hamlin intervalle west of the road to the bridge was washed out by the June flood to a depth of 2 to 3 feet. The clayey bottom is now covered with the sterile plants of Equisetum arvense. Some of these are absolutely prostrate and others erect of a bushy character. I took a specimen of both kinds. The two forms look very different as they grow together.

Shelburne, N.H.

1914
Sept. 25

The heavy valley mist rose as usual though a little later, about 9.30 and the day has been clear with a fine haze. Max. 76°F.

I am some better today but not right. This morning I labelled the plants given me and named. At 12 M. we walked over to the Presidential Platform and I drew a sketch of the big ranch as seen and gave it to Miss Williams for Miss Homans. Miss Homans left this morning.

This afternoon I rested and wrote letters and later read calls from

Charles & Mrs. Rantoul
Admiral & Mrs. Taussig
Celara & Lois Howe

We sat on the platform or piazza and had a pleasant talk.

I saw a bat flying outside my window at 6 P.M. Bat.

This evening Mrs. & Miss Calverton & their friend Miss came up to see the moon. It was a wonderfully brilliant night and the view was perfect.

I received this evening from Mrs. Terry a box of very fine rooting specimens of Dorset ferns which had got for me with the help of a man. I shall lay them out tomorrow. They are fine plants & took much trouble.

They were collected Sept. 23.

Asplenium angustifolium Michx.

— acrostichoides Sw.

Dorset, Vt. Coll Emily H. Terry,
Sept. 23 Sent me fresh.

Shelburne, N.H.

1917
Sept. 26

Clear, with hazy distance, calm, mild.

It has been a perfect day - I am much better and trust all trouble is over.

This morning, I called on ~~Esther~~ Frances Johnson and with her husband we examined the spot close by where Peggy & Bunnie were badly poisoned. It was matted with Ivy!!

Then with Miss Brown's help I put into press very fine specimens of the ferns rec'd yesterday from Mrs. Terry. They show the rootstocks must wonderfully -

This afternoon we rode with Lawrence and his wife to Steven Farm to the picnic grounds where last year a specimen of *Eupatorium urticifolium* was handed me from the woods, on Sept. 17.

I could not find any, but was pleased to find *Osmorhiza longistylis* near to Shelburne. On my return I called on Dr. Mrs. Goodale and had a good, long talk - they go by auto to-morrow to Saco -

- 435 sheets from our collecting to date -

Ricea canadensis (Mill.) B.S.P.

Miss A. W. Christensen gave me to-day a specimen of White Spruce from the pasture about a mile above Gates Cottage. It was up the slope there was considerable of it.

Osmorhiza longistylis (Don.) DC.

Ripe fruiting plant & fruit, shag wood, Steven Farm, several plants - W.D.

Shelburne, N.H.

1917
Sept 27

much valley till about 9 A.M. then the sun came out and the day has been hazy, the sun hot.

I am still under the weather - I have been at home to-day quietly getting ready for departure to-morrow morning. There are so many things to do with my papers, plants some still in press, telescopes, &c., &c. The Rantouls invited me this morning to auto to Sunday River with them, but I could not think of it. Miss Brown has been very busy in closing the house, packing the jelly, attending to the trunks &c., &c.

The Goodales went this morning by auto to Saco, where Dr. Goodale's brother lives. Bert has colds. The Hanes go ^{to morning} ~~this P.M.~~ by way of Glen Station. The Johnsons go ^{Saturday} ~~to-morrow~~ to auto and one neighbor in the Lodge. ^{Dr. R. of Cambridge} Miss Barker & Miss ^{of Boston} Leach go to Boston ^{Portland} to-morrow. Saturday

Miss Barker was here this evening telling us about her work selling groceries for a large Boston firm. It was most interesting.

The Frederick S. Greene of Jeffery, N.H. who is here, went with a party to Gentian Pond today. He gave me, on his return, a single stem in late flower from there. He said he walked round the little pond and hunted carefully but succeeded in finding but one stalk -

*Gentiana
linearis*
at
Gentian
Pond.

Shelburne, N.H.

1917
Sept. 28

Showery day with heavy clouds, occasional glimpses of sunshine. Clearing in evening.

I am better to-day & look for the end. We have both been busy doing the last things. I have written a number of letters and my study is all in order.

The Haves all left in auto for Glen Station. They had a good send-off.

There is nothing special to record.

A very sweet letter from Mildred Kennedy came to-day telling me all about her father.

I have bade all the good people good bye this evening.

At 8 o'clock I walked on to Sunset Rock and stood a while alone. The heavens were perfectly clear except for a few rich clouds floating here & there. The moon near at fall was almost dazzling in brilliancy. This obscured most of the stars, but it shed a heavenly light over the scene and the distant mountains were as visible as in the day light - Arcturus was setting low in the west. Capella had risen in north-east, Vega and Altair were beginning to take their course downward from the zenith, and low in the southeast Fornax was moving westward. It was all very beautiful and I thought of the happy summers now gone -

Shelburne, N.H. to Cambridge Mass.

1917
Sept. 29

Sunny, warm, some clouds -

Home once more - We left the dear spot this morning and bade all our good friends farewell and took the 8.27 train which was on time - We changed on advice, at Yarmouth Junction, and after a brief 10 min. wait took the train on the Maine Central, stepped into a parlor car, and left it at about 3.30 in Boston. It is a splendid way to come home. Reached our home at 4.30 and found Lizzie & Delia waiting to greet us. They had the house in fine order, and had taken the dear portrait down stairs and hung it where it was before, and had arranged it as a vase of flowers on the piano and in front of the picture. It was all very touching. Home is so dear to me but it is hard at first.

George called in the evening and I phoned to a number of my good friends.

